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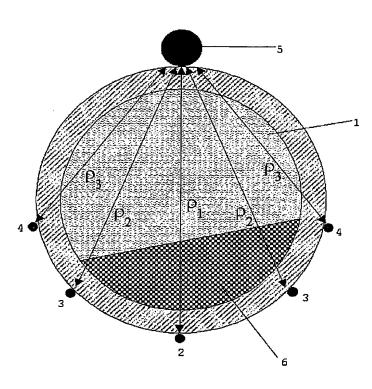
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(54) Title: METHOD AND APPARATUS FOR MONITORING DEPOSITION OF SOLIDS IN PIPELINES USING A PLURAL-ITY OF RADIATION SOURCES POINTING TO A UNIQUE DETECTOR



(57) Abstract: The invention concerns a bethod of monitoring flow in a flow pipe. According to the invention, the method comprising the following steps: providing a flow pipeline having a unique photon detector at a first position on the periphery of said pipe, a first photon source at a second position on the periphery of said pipe, said detector and first source defining a first chord across said pipe, and one or more additional photon sources at positions on the periphery of said pipe defining one or more additional chords across said pipe; determining the density across said first chord from the count rate detected from the first source by the detector; and determining the densities across said one or more additional chords from the count rate detected from the one or more additional sources by the detector in order to determine the deposition of solid in the pipe.